

Fig. 2A

Fig. 2B

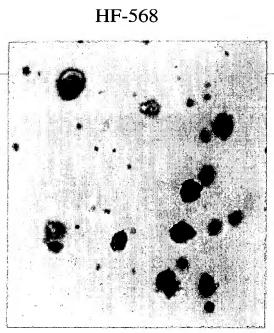


Fig. 2C

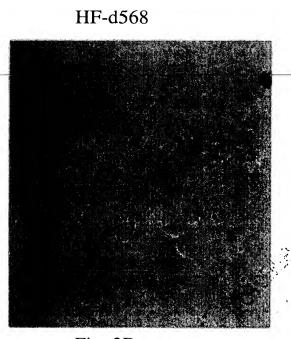
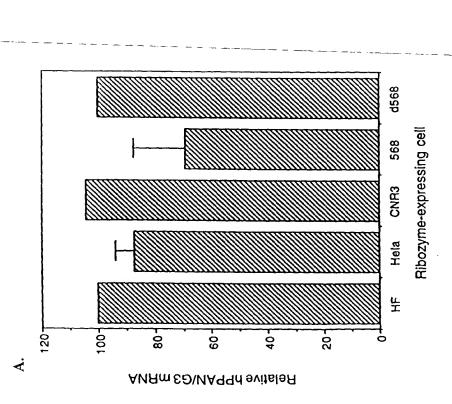
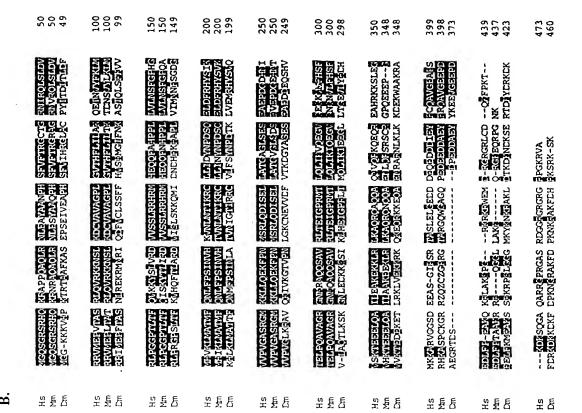


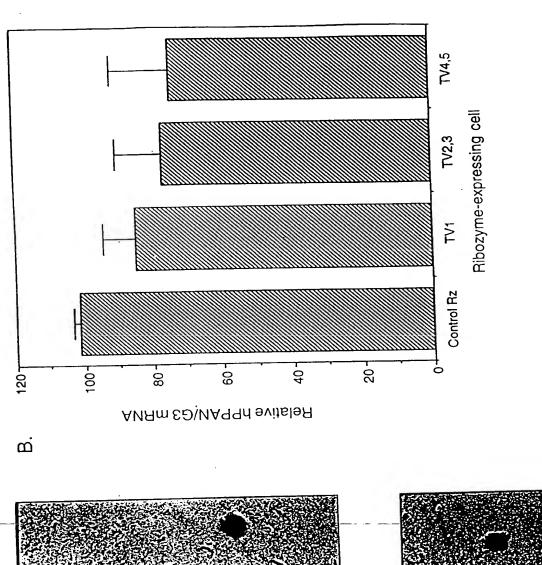
Fig. 2D



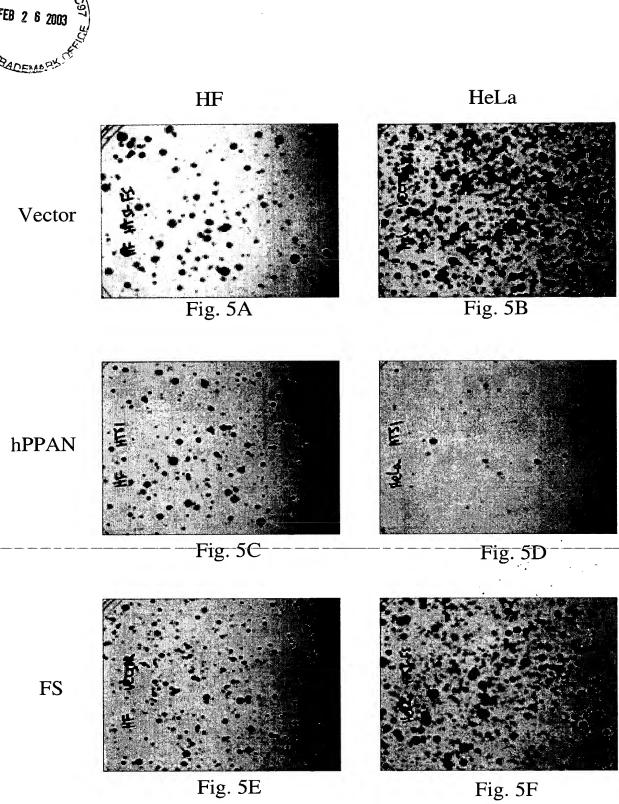


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FIGURE 4A AND FIGURE 4B



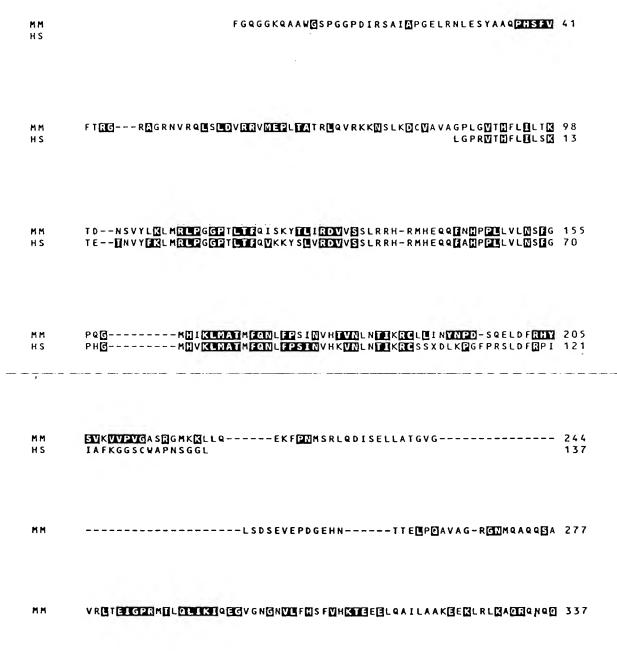




	1 10	1 20	30	1 40	50	60	
1	CCCTGATGTC	GTCCCACGCC	GTGCCGGCTC	TCAGGCGCCG	GAAGTGAGCT	GCGCACGGCC	50
61	GGAAGCGGCG	GACGCAGGAG	GCCTCGTGGA	GGACACAGCA	GCATGGGACA	GTCAGGGAGG	120
121	TCCCGGCACC	AGAAGCGCGC	CCCGCCCCAG	GCGCAGCTCC	ADOTTODAADO	GGCCTATGCC	180
181	GCGAACCCGC	ACTCGTTCGT	GTTCACGCGA	GGCTGCACGG	GTCGCAACAT	CCGGCAGCTC	240
241	AGCCTGGACG	TGCGGCGGGT	CATGGAGCCC	GTCACTGCCA	GCCGTCTGCA	GGTTCGTAAG	300
301	AAGAACTCGC	TGAAGGACTG	CGTGGCAGTG	GCTGGGCCCC	TCGGGGTCAC	ACACTTTCTG	360
361	ATCCTAGCAA	AACAAGAGAC	CAATGTCTAC	TTTAAGCTGA	TGCGCCTCCC	AGGAGGCCCC	420
421	ACCTTGACCT	TCCAGGTCAA	GAAGTACTCG	CTGGTGCGTG	ATGTGGTCTC	CTCACTGCGC	480
481	CGGCACCGCA	TGCACGAGCA	GCAGTTTGCC	CACCCACCCC	TCCTGGTACT	CAACAGCTTT	540
541	GGCCCCCATG	GTATGCATGT	GAAGCTCATG	GCCACCATGT	TCCAGAACCT	GTTCCCCTCC	600
601	ATCAACGTGC	ACAAGGTGAA	CCTGAACACC	ATCAAGCGCT	GCCTCCTCAT	CGACTACAAC	660
661	CCCGACTCCC	AGGAGCTGGA	CTTCCGCCAC	TATAGCATCA	AAGTTGTTCC	TGTGGGCGCG	720
721	AGTCGCGGGA	TGAAGAAGCT	GCTCCAGGAG	AAGTTCCCCA	ACATGAGCCG	CCTGCAGGAC	780
781	ATCAGCGAGC	TGCTGGCCAC	GGGCGCGGG	CTGTCGGAGA	GCGAGGCAGA	GCCTGACGGC	840
841	GACCACAACA	TCACAGAGCT	GCCTCAGGCT	GTCGCTGGCC	GTGGCAACAT	GCGGGCCCAG	900
901	CAGAGTGCAG	TGCGGCTCAC	CGAGATCGGC	CCGCGGATGA	CACTGCAGCT	CATCAAGGTC	960
361	CAGGAGGGCG	TCGGGGAGGG	CAAAGTGATG	TTCCACAGTT	TTGTGAGCAA	GACGGAGGAG	1020
1021	GAGCTGCAGG	CCATCCTGGA	AGCCAAGGAG	AAGAAGCTGC	GGCTGAAGGC	TCAGAGGCAG	1080
1381	GCCCAGCAGG	CCCAGAATGT	GCAGCGCAAG	CAGGAGCAGC	GGGAGGCCCA	CAGAAAGAAG	1140
1141	AGCCTGGAGG	GCATGAAGAA	GGCACGGGTC	GGGGGTAGTG	ATGAAGAGGC	CTCTGGGATC	1200
1201	CCTTCAAGGA	CGGCGAGCCT	GGAGTTGGGT	GAGGACGATG	ATGAACAGGA	AGATGATGAC	1260
1251	ATCGAGTATT	TCTGCCAGGC	GGTGGGCGAG	GCGCCCAGTG	AGGACCTGTT	CCCCGAGGCC	1320
1321	AAGCAGAAAC	GGCTTGCCAA	GTCTCCAGGG	CGGAAGCGGA	AGCGGTGGGA	AATGGATCGA	1380
1331	GGCAGGGGTC	GCCTTTGTGA	CCAGAAGTTT	CCCAAGACCA	AGGACAAGTC	CCAGGGAGCC	1440
1441	CAGGCCAGGC	GGGGGCCCAG	AGGGGCTTCC	CGGGATGGTG	GGCGAGGCCG	GGGCCGAGGC	1500
1501	CGCCCAGGGA	AGAGAGTGGC	CTGAGCCCAA	GCCGCACCGG	AGCAGCGGCT	GGATTGAACG	1560
1561	CCCCAGATTG	GGGCCCGAGA	TGTGGCCCTC	GGTTTCCTTT	CATAAAGGAG	TTGTGTCCCC	1620
1621	AGCCCTTCCA	CTCCAGTAAA	GAACTGAATT	GGCAAAAAAA	AAAA		1664
	1 10	20	30	40	50	60	
		•				•	

1	10	1 20		40		1 60	
61	MGQSGRSRHQ	KRAPPQAQLR	NLEAYAANPH GVTHFLILAK	SEVETRGCTG	RNIRQLSLDV	RRVMEPVTAS 6	O
121	VVSSLRRHRM	HECCEAHDEL	CVTHFLILAK	QETNVYFKLM	RLPGGPTLTF	QVKKYSLVRD 1	20
181	LLIDYNPDSQ	ELDFRHYSIK	VVPVGASRGM	MHAKTWALWE.	QNLFPSINVH	KVNLNTIKRC 1	80
241	EAEPDGDHNI	TELPQAVAGR	GNMRAOOSAV	RLTEIGPRMI	LOLIKVOEGV	GEGKVMFHSF 3	40
301	VSKTEEELQA	ILEAKEKKLR	LKAQRQAQQA	QNVQRKQEQR	EAHRKKSLEG	MKKARVGGSD 3	60
361	EEASGIPSRT	ASLELGEDDD	EQEDDDIEYF	CQAVGEAPSE	DLFPEAKOKR	LAKSPGRKRE 41	20
421	RWEMDRGRGR			GPRGASRINGG	RGRGRGRPGK	RVAZ 4	74
	10	20	30	40	50	6.0	

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